

On page 5, the first full paragraph has been amended as follows:

Component	Description	Parts by Weight
Polymer	CPE	90 - 100
Plasticizer	Blend of polymeric and ester based component, e.g. (Diethyl Adipate) (Epoxidized soyabean oil)	35 - 55 (10 - 30) (10 - 30)
Reinforcing Agent	Carbon black	100 - 150
Heat Stabilizer	Magnesium Oxide, Lead Silicate	5 - 20
Antidegradants	2, 2, 4-Trimethyl-1, 2-dihydroquinoline 6-ethoxy-1, 2-dihydro-2, 2, 4-trimethylquinoline	0.5 - 3
Process Aids	Stearic Acid, Polyethylene (low molecular weight)	0.5 - 2
Vulcanizing Agents	Blend of peroxide and cross-linking coagents, e.g. (Dicumyl peroxide) (1,1 - bis (t-butylperoxy), (3,3,5 - trimethyl cyclohexane), (Triallyl Trimellitate)	(2-5) (2 - 1 0) (2-5) (2 - 5)

The paragraph bridging pages 5 and 6 has been amended as follows:

The resulting rubber compound is mixed using an internal mixer as a

Q3 temperature which rises from room temperature to about 250°F and is held at the

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250°F level for about one minute. In the mixer, the ingredients are sheared until they reach a homogeneous state. The mixed ingredients are then dumped from the mixer, quickly cooled and stored for making the hose 10.

On page 6, the second full paragraph has been amended as follows:

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Referring now to Fig. 2 where the method of making the hose is illustrated, the mixed ingredients 30 fill an extruder 32 and are extruded onto a thermal plastic mandrel, e.g. NYLON® that forms the desired inside diameter 13. The distance between the inside diameter 13 and the outside surface 15 provides the wall thickness of the finished tube 12. The extruder 32 has an output speed of 15 to 50 feet per minute and a temperature which is maintained in the range of 150 – 180°F. After being extruded, the tube 12 is passed through a freezer 36 that gives dimensional stability to the tube prior to the wire reinforcement 14 being applied by a braider 42. Preferably, the braiding wire 14 is either stainless steel wire or brass plated steel wire. The tube 12 with the reinforcing layer 14 thereover is then passed through a rubber strip unwind unit which lays the adhesive backing layer 18 over the wire reinforcing layer 14. The backing layer 18 is preferable of rubber and provides an adhesive layer between the wire layer 14 and the subsequent layer of yarn braid 20. The yarn braid 20 is applied by a yarn braider 50 which dispenses strands 52 of yarn. Subsequent to the strands 52 of yarn forming the yarn braided layer 20, the coating 22 having a polyurethane base is applied by a coater 53 over the braided yarn layer 20.

On page 7, the first full paragraph has been amended as follows:

The hose 10 or 10' is then vulcanized by a vulcanizer 62 in steam, at

as approximately 300°F for a period in the range of 60 – 120 minutes. Thereafter, the
hose 10 is placed in a water shower 64.